

Converting Colors

YUV(199.9670, -50.2697,
23.7079)

Have a look what the booklet for
YUV(199.9670, -50.2697, 23.7079)
contains.

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Color

**YUV(199.9670, -50.2697,
23.7079)**

Conversions

Conversions Part 1

Format	Color
Hex	E3CE62
RGB	227, 206, 98
RGB Percent	89%, 81%, 38%
CMY	0.1098, 0.1922, 0.6157
CMYK	0.00, 0.09, 0.57, 0.11
HSL	50°, 70%, 64%
HSV	50°, 57%, 89%
XYZ	55.9545, 61.3553, 20.4489
YIQ	199.9670, 47.1840, -29.1360

Conversions

Conversions Part 2

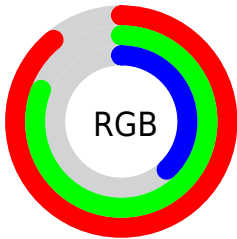
Format	Color
RYB	123, 227, 98
Decimal	14929506
CIELab	82.57, -5.82, 55.41
CIELCh	83, 55.718, 95.991
Yxy	61.3553, 0.4062, 0.4454
Android (android.graphics.Color)	4293119586 (0xFFE3CE62)
YUV	199.9670, -50.2697, 23.7079
Hunter-Lab	78.3297, -9.5662, 39.3524

Details

The YUV color **199.9670, -50.2697, 23.7079** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **125.0330, 50.2697, -23.7079**, and the grayscale version is **200.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.2580, -44.9902, 10.2977**, and **144.8850, -49.2433, 21.1489** is the 20% darker color. If you saturate the color by 10%, you get **194.9970, -59.1585, 28.0666**, and if you desaturate by 10%, it is **204.9370, -41.3809, 19.3493**.

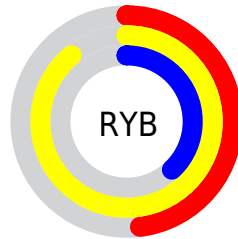
Distribution



Red (89%)

Green (81%)

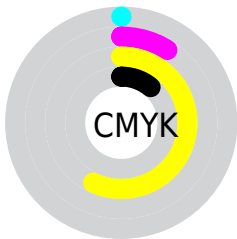
Blue (38%)



Red (48%)

Yellow (89%)

Blue (38%)

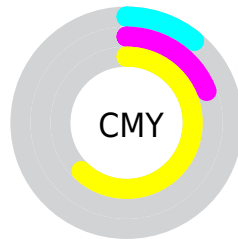


Cyan (0%)

Magenta (9%)

Yellow (57%)

Black (11%)



Cyan (11%)

Magenta (19%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.9670, -50.2697, 23.7079 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 199.9670, -50.2697, 23.7079 by changing the saturation by 10% instead.

■ 199.9670,
-50.2697, 23.7079

■ 199.9670,
-50.2697, 23.7079

255.0000, 0.0000,
0.0000

■ 172.4830,
-49.5381, 22.3784

■ 243.2580,
-44.9902, 10.2977

■ 144.8850,
-49.2433, 21.1489

■ 246.3360,
-33.1966, 7.5983

■ 117.4890,
-52.0061, 20.6191

■ 249.6420,
-20.5295, 4.6990

■ 93.0740, -45.8855,
17.4751

■ 252.9480, -7.8624,
1.7996

■ 71.7990, -35.3969,
13.3313

■ 50.2250, -24.7609,
8.5727

■ 30.4230, -14.9985,

4.0140

■ 7.6310, -3.7621,
-6.6924

■ 0.0000, 0.0000,
0.0000

■ 199.9670,
-50.2697, 23.7079

■ 199.9670,
-50.2697, 23.7079

■ 194.9970,
-59.1585, 28.0666

■ 204.9370,
-41.3809, 19.3493

■ 190.7280,
-67.8999, 31.8105

■ 209.2060,
-32.6396, 15.6053

■ 185.7580,
-76.7887, 36.1692

■ 214.1760,
-23.7508, 11.2466

■ 180.7880,
-85.6775, 40.5279

■ 219.1460,
-14.8620, 6.8880

■ 179.4030,
-88.4457, 41.7426

■ 223.4150, -6.1206,
3.1440

■ 228.3850, 2.7682,
-1.2146

■ 233.1270, 10.7834,
-5.3734

■ 235.4750, 9.6258,
-7.4326

■ 237.2360, 8.7577,
-8.9770

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



199.1410, -43.9465, 48.9883



199.9670, -50.2697, 23.7079



194.0200, -37.4779, -19.3115

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



199.9670, -50.2697, 23.7079



164.0800, 44.8236, -143.8982



203.8340, 22.2668, 44.8726

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



199.9670, -50.2697, 23.7079



125.0330, 50.2697, -23.7079

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



206.4020, 23.9588, 15.4334



199.9670, -50.2697, 23.7079



159.3840, 47.1387, -139.7798

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



199.9670, -50.2697, 23.7079



160.6940, 26.7729, -140.9286



191.5420, 31.2848, -47.8333



193.7970, 1.5791, 53.6750

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



199.9670, -50.2697, 23.7079



187.7520, -21.0767, -53.2795



191.5420, 31.2848, -47.8333



208.0400, 23.1513, 41.1839

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



199.9670, -50.2697, 23.7079



245.9890, -16.7566, 7.9026



139.0790, -9.4059, 77.1067



122.1010, -9.9098, 5.1734



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



199.9670, -50.2697, 23.7079



218.8420, -67.4631, 31.7106



199.4370, -50.0084, -13.5382



112.4580, -4.6628, 2.2293



140.9840, -69.5051, 33.3400



40.4900, -19.9616, 9.2173

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



125.0330, 50.2697, -23.7079



118.1580, 67.4631, -31.7106



125.5630, 50.0084, 13.5382



105.5420, 4.6628, -2.2293



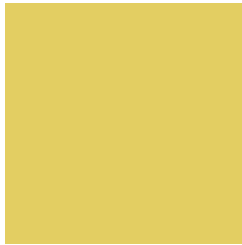
37.4290, 69.7945, -32.8252



10.5100, 19.9616, -9.2173

Previews

White Background



This preview shows how the YUV color 199.9670, -50.2697, 23.7079 looks on a white background.

Color Contrast Check

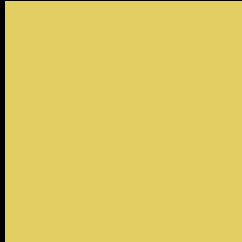
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 199.9670, -50.2697, 23.7079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 199.9670, -50.2697, 23.7079

Background



This preview shows how black text looks on a background with the YUV color 199.9670, -50.2697, 23.7079.



This preview shows how white text looks on a background with the YUV color 199.9670, -50.2697, 23.7079.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

199.9670, -50.2697, 23.7079

Protanopia

200.2660, -50.4171, 24.3227

Deuteranopia

202.2130, -49.8980, 44.5402



Tritanopia

208.5670, 0.2135, 24.9357

Trichromacy



Original Color

199.9670, -50.2697, 23.7079

Protanomaly

200.2660, -50.4171, 24.3227

Deuteranomaly

201.7560, -50.1657, 37.0480

Tritanomaly

205.1590, -17.8264, 24.4166

Monochromacy



Original Color

199.9670, -50.2697, 23.7079

Achromatopsia

200.0000, 0.0000, 0.0000

Achromatomaly

199.9460, -18.2144, 8.8174

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.9670, -50.2697, 23.7079 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(227, 206, 98)` looks like.

```
.text, #text, p{  
    color:rgb(227, 206, 98)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(227, 206, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 206, 98) }
```

Border

The CSS property to change the border of an element to YUV 199.9670, -50.2697, 23.7079 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(227, 206, 98) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(227, 206, 98) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(227, 206, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 206, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 206, 98);  
box-shadow:4px 4px 4px 4px rgb(227, 206,  
98) }
```

Background

The CSS property to change the background color of an element to YUV 199.9670, -50.2697, 23.7079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 206, 98) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(227,  
206, 98) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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